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CHUGAYEV, Yuriy Gennadiyevich; PLISKO, Valeriy Antonovich; BAVAKOV, V.A.; BOL'SHOV, V.M.; GRACHEV, S.N.; PASHKOV, A.A.; KACHKO, A.I.; PLATONOV, S.A., polkovnik, red.; MELNIKOVA, A.N., tekhn. red.

[Electronic digital computers]Elektronnye tsifrovye vychislitel'nye mashiny. Moskva, Voenizdat, 1962. 405 p. (MIRA 16:1)
(Electronic digital computers)

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PLISKO, V.A.; PLATONOV, S.A., polkovnik, red.

[Elements of digital computers] Elementy tsifrovykh mashin. Moskva, Voenizdat, 1965. 159 p. (MIRA 18:9)

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PLATONOV, S.

Develop rationalization work. Den. i kred. 19 no.3:70-71 Mr '61. (MIRA 14:3)
(Banks and banking—Equipment and supplies)
(Suggestion systems)

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PLATONOV, S. (Sheremet'yevo)

Guide of air pilots. Grazhd.av. 20 no.7:11 Jl '62. (MIRA 15:7)
(Ground controlled approach)

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PLATONOV, S. (UAOEN) (Severo-Yeniseyskiy rayon Krasnoyarskogo draya)

Short and ultrashort radio waves. Radio no.8:15 Ag '62.
(MIRA 15:8)

(Radio operators) (Amateur radio stations)

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PLATONOV, R.L., podpolkovnik meditsinskoy sluzhby

Case of barotrauma of the lungs. Voen.-med.zhur. no.9:83-84 S '61. (MIRA 15:10)

(LUNGS--WOUNDS AND INJURIES) (DECOMPRESSION SICKNESS)

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PLATONOV, R.L., podpolkovnik meditsinskoy sluzhby

Late sequelae and outcome of Botkin's disease. Voen.-med.zhur., no.11:
26-27 '64. (MIRA 18:5)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200030-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200030-6

PLATONOV, R.K.; KOZHEVNIKOV, A.V.; BITUK, S.M.

Distilled shale fuel oil as fuel for marine boilers. Trudy VNIIPS no.281-288 '56. (MLRA 10:5)

(Oil shales) (Boilers, Marine)
(Petroleum as fuel)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200030-6

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BOTKIN, Petr Petrovich; SOMOV, Vitaliy Aleksandrovich; PLATONOV, R.K., nauchnyy red.; SHAURAK, Ye.N., red.; SHISHKOVA, L.M., tekhn.red.

[Utilization of heavy oils in marine diesel engines] Primenenie tiazhelykh topliv v sudovykh dizeliakh. Leningrad, Gos.soiuznoe izd-vo sudostr.promyshl., 1959. 148 p. (MIRA 12:10)
(Marine diesel engines--Fuel)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200030-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200030-6

PLATONOV, R.K., kand.khim.nauk

Using fine oil filters in marine diesel engines. Sudostroenie 24 no.5:29-31 My '58. (MIRA 11:6)
(Marine diesel engines) (Oil filters)

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PLATONOV, R.K.

Polymerization of olefin hydrocarbons in the intermediate refined fractions of shale tar. Trudy VNIIPS no.4:152-160 '55.
(MIRA 13:4)

(Olefins) (Oil shales)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200030-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200030-6

KOZHEVNIKOV, Aleksandr Vasil'yevich; KAMENSKAYA, I.N., kand.khim.nauk, red.; PLATONOV, R.K., kand.khim.nauk, retsenzent; DOLMATOV, P.S., vedushchiy red.; YASHCHURZHINSKAYA, A.B., tekhn.red.

[Heavy liquid fuels for gas turbines] Tiazheloe zhidkoe toplivo dlia gazovykh turbin. Leningrad, Gos. nauchno-tekhn.izd-vo neft. i gorno-toplivnoi lit-ry, Leningr. otd-nie, 1958. 136 p. (MIRA 12:2)

(Liquid fuels) (Gas turbines)

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USSR/Chemical Technology - Chemical Products and Their Application. Treatment of Solid Mineral Fuels I-7

Abs Jour : Ref Zhur - Khimiya, No 1, 1958, 2478

the shale mazut is more readily separated from water and has a considerably lower solidification point and a more advantageous viscosity as a function of temperature.

Card 2/2

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PLATONOV, R., kandidat khimicheskikh nauk; ERINCHEK A., kandidat tekhnicheskikh nauk.

Some ways of improving the lubrication of high speed marine diesel engines. Mor.flot 16 no.11:14-16 N '56. (MLRA 10:1)
(Marine diesel engines--Lubrication)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200030-6

Platonov, P.P.

PLATONOV, P.P., otvetstvennyy za vypusk; PETROV, A.P., tekhn.red.

[Economy of the Chuvash A.S.S.R.; a statistical manual] Narodnoe khoziaistvo Chuvashskoi ASSR; statisticheskii sbornik. Cheboksary, Chuvashskoe gos.izd-vo, 1957. 154 p. (MIRA 11:3)

1. Chuvash A.S.S.R. Statisticheskoye upravleniye.
(Chuvashia--Statistics)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200030-6

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PLATONOV, P.P.; YAKIMOV, F.Ya., red.; PETROV, G.P., tekhn.red.

[Forty years of Chuvashia in figures] Chuvashiia za 40 let v tsifrakh. Cheboksary, Chuvashskoe gos.izd-vo, 1960. 194 p. (MIRA 13:12)

1. Zamestitel' nachal'nika Statisticheskogo upravleniya Chuvashskoy ASSR (for Platonov). 2. Nachal'nik Statisticheskogo upravleniya Chuvashskoy ASSR (for Yakimov).
(Chuvashia--Statistics)

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KOVTUN, A.P.; PLATONOV, P.N.

Measurement of the pressure of a loose material from the initial stage of its displacement. Izv.vys.ucheb.zav.;pishch.tekh. 1:152 155 '61. (MIRA 14:3)

1. Odesskiy tekhnologicheskiy institut imeni I.V. Stalina, Kafedra pod"yemno-transportnykh mashin.
(Granular materials)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200030-6

PLATONOV, P.N.

Pressure control of the flow of loose material. Izv. vys. ucheb. zav.; pishch. tekh. no. 2:152-156 '61. (MIRA 14:5)

1. Odesskiy tekhnologicheskiy institut imeni I.V. Stalina. Kafedra mekhanizatsii i avtomatizatsii proizvodstva.
(Granular materials)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200030-6

ANATOL'YEV, A.V.; KOVTUN, A.P.; PLATONOV, P.N.

Mechanics of stress transmission in a loose medium. Izv. vys. ucheb. zav.; pishch. tekh. no.4:128-133 '61. (MIRA 14:8)

1. Odesskiy tekhnologicheskiy institut imeni I.V. Stalina, laboratoriya mekhaniki sypuchikh sred, kafedra mekhanizatsii i avtomatizatsii proizvodstva.
(Strains and stresses)

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PIKERSGIL', A.A.; PLATONOV, P.N.

Selecting the work parameters of automatic capacitance moisture meters for grains in a flow. Izv. vys. ucheb. zav.; pishch. tekh. no.2:147-154 '63. (MIRA 16:5)

1. Odesskiy tekhnologicheskiy institut imeni Lomonosova, kafedra mekhanizatsii i avtomatizatsii proizvodstva.
(Moisture—Measurement) (Grain—Testing)

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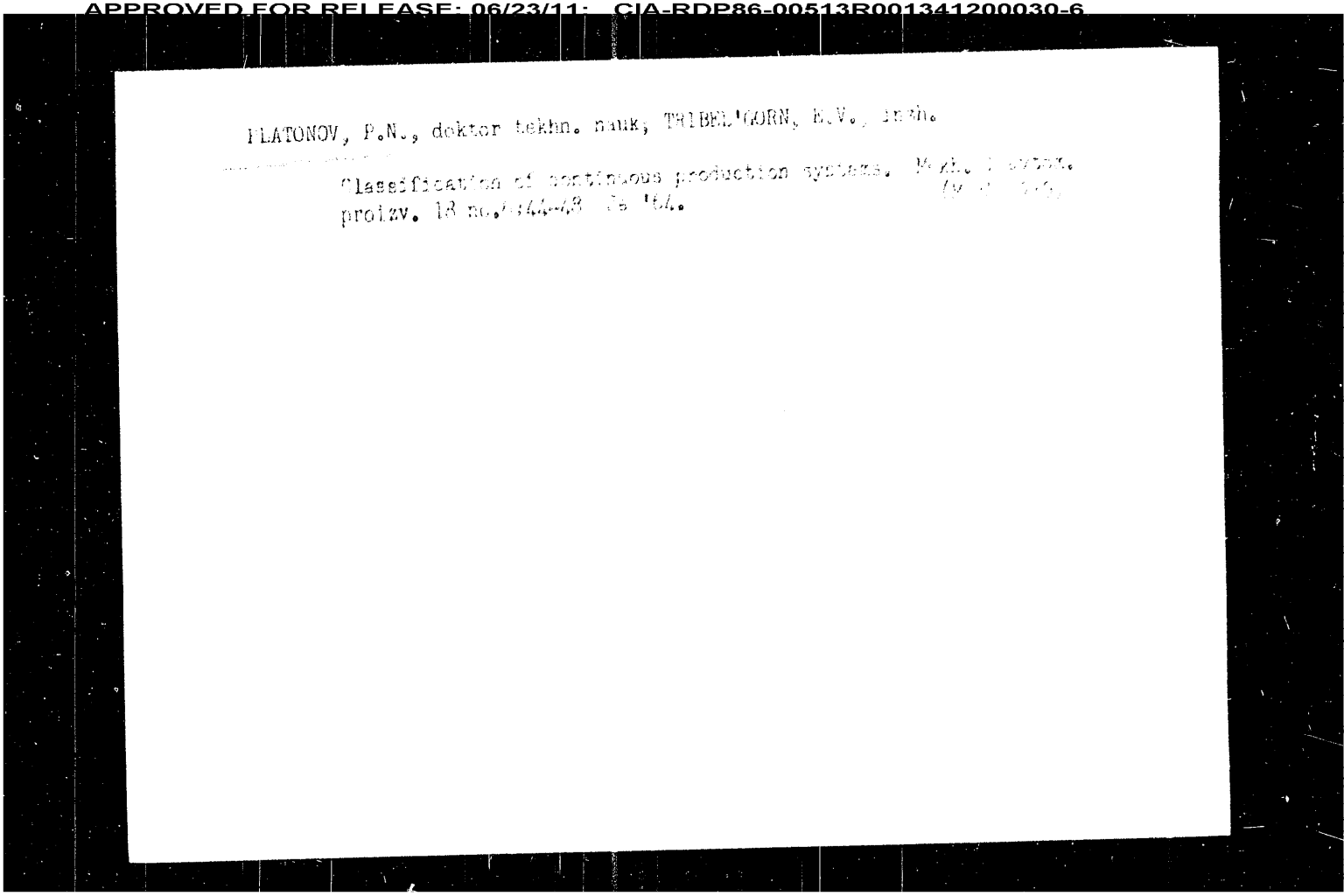

PLATONOV, P.N., doktor tekhn. nauk; TRIBEL'GORN, E.V., inzh.

Classification of continuous production systems. Mekh. i avtom. proizv. 18 no.7:44-48 Jl '64.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200030-6

PLATONOV, P. N., Doc Tech Sci -- (diss) "Research into motion of grain flows." Moscow, 1960. 27 pp; (Ministry of Higher and Secondary Special Education RSFSR, Moscow Technological Inst of the Food Industry); 150 copies; price not given; list of author's work on page 27 (14 entries); (KL, 23-60, 123)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200030-6

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BENDERSKIY, S.N.--- (continued). Card 2.

1. Odesskiy tekhnologicheskiy institut imeni M.V.Lomonosova (for Kutsenko, Naremskiy, Veremeyenko, Kovtun). 2. Starshiy ekspert Upravleniya po avtomatizatsii i oborudovaniyu dlya pishchevoy promyshlennosti Gosudarstvennogo komiteta po mashinostroyeniyu pri Gosplane SSSR (for Semenyuk). 3. Glavnyy mekhanik Gosudarstvennogo instituta po proyektirovaniyu predpriyatiy mukomol'no-krupyanoy i kombikormovoy promyshlennosti i elevatorno-skladskogo khozyaystva (for Kashcheyev). 4. Zaveduyushchiy laboratoriyey Vsesoyuznogo nauchno-issledovatel'skogo instituta zerna i produktov ego pererabotki (for Pal'tsev).

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BENDERSKIY, S.N., kand. tekhn. nauk; BURSIAN, V.R., prof., kand. tekhn. nauk; VASIL'YEV, P.N., inzh.; LOREYAN, E.Ye., inzh.; ZHURAVLEV, V.F., kand. tekhn. nauk; KEGEL'MAN, V.N., inzh.; KRUGLOV, A.N., dots., kand. tekhn. nauk; KUKIBNYY, A.A., dots., kand. tekhn. nauk; LEVACHEV, N.A., dots., kand. tekhn. nauk; LEYKIN, A.Ya., inzh.; NAREMSKIY, N.K., dots., kand. tekhn. nauk; PLATONOV, P.N., prof., doktor tekhn. nauk; SOKOLOV, A.Ya., prof., doktor tekhn. nauk; KUTSENKO, K.I., kand. tekhn. nauk, dots., retsenzent; VERESHCHAGIN, Ye.I., inzh., retsenzent; KOVTUN, A.P., inzh., retsenzent; SEMENYUK, A.I., retsenzent; KASHCHEYEV, I.P., inzh., retsenzent; PAL'TSEV, V.S., kand. tekhn. nauk, retsenzent; KHMEL'NITSKAYA, A.Z., red.

[Conveying and reloading machinery for the overall mechanization of the food industries] Transportiruiushchie i peregruzochnye mashiny dlia kompleksnoi mekhanizatsii pishchevykh proizvodstv. Moskva, Pishchevaia promyshlennost', 1964. 759 p. (MIRA 18:3)

(Continued on next card)

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SOV/117-59-8-44/44

AUTHOR: Platonov, P.N., Docent

TITLE: A Useful Aid

PERIODICAL: Mashinostroitel', 1959, Nr 8, p 48 (USSR)

ABSTRACT: This is a critical review of the designs atlas "Load Hoisting Machines" by N.F. Rudenko.

Card 1/1

USCOMM-DC-61,700

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PLATONOV, P., kand.tekhn.nauk; BANIT, Ye., inzh.

Draw-off gate capacity of storage bins and hoppers. Mek.-elev. prom. 24 no.8:28-29 Ag '58. (MIRA 11:10)

1. Odesskiy tekhnologicheskiy institut im. I.V. Stalina.
(Grain elevators)

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BANIT, Ye.A.; PLATONOV, P.N.

Rate of flow of loose materials through apertures. Izv.vys. ucheb.zav.;pishch.tekh. no.5:115-118 '58. (MIRA 11:12)

1. Odesskiy tekhnologicheskiy institut imeni I.V.Stalina, kafedra pod"yemno-transportnykh mashin.
(Materials handling) (Solids)

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velocity u by the velocity of air relative to the entire cross section of the medium, the following formulae are derived:

$$\Delta P = \lambda \frac{l}{d_{эк}} \cdot \frac{6\omega K}{(1-K)^3} \frac{\rho v^2}{2}; \quad Re = \frac{v d_{эк}}{\nu} \frac{1}{6\omega K}$$

The value of λ can be expressed on the basis of experimental data as follows:

$$\lambda = \frac{9}{Re} + \frac{1}{Re^{0.15}}$$

the last term of which can be neglected in the case of laminar filtration. There are: 1 diagram, 2 graphs and 6 Soviet references.

ASSOCIATION: Odesskiy tekhnologicheskiy institut (Odessa Technological Institute)

PRESENTED: By Member of the AS UkrSSR, G. I. Sukhomel
SUBMITTED: May 6, 1957

NOTE: Russian title and Russian names of individuals and institutions appearing in this article have been used in the transliteration

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200030-6

AUTHORS: Zelinskiy, G.S. and Platonov, P.N. SOV/21-58-2-15/28

TITLE: Aerodynamics of a Layer of a Loose Medium (Aerodinamika sloya sypuchey sredy)

PERIODICAL: Dopovidi Akademii nauk Ukrains'koi RSR, 1958, Nr 2, pp 178-182 (USSR)

ABSTRACT: Theoretical and experimental investigations of the uniform rectilinear filtration of air in a loose medium made it possible to derive a formula for determination of the pressure loss of the filtration stream as a function of individual parameters in a comparatively wide range. By analogy with hydraulics the general formula of the aerodynamical resistance of a loose medium layer is assumed in the following form:

$$\Delta P = \lambda \frac{l}{r} \cdot \frac{\rho u^2}{2}$$

Reynold's number was taken as a criterion of similarity of the air motion

$$Re = \frac{u r}{\nu}$$

Expressing the radius of the particles r and the air velocity u by the coefficient of the packing density of the loose medium k, the coefficient of the shape of the particles ω, the equivalent diameter of the particles $d_{эк}$ and replacing the

Card 1/2

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BANIT, Ye.A.; PLATONOV, P.N.

Pressure of a free-flowing medium during transition from the state of critical equilibrium into motion. Izv. vys. uchab. zav.; pishch. tekh. no.1:92-96 '58. (MIRA 11:8)

1. Odesskiy tekhnologicheskiy institut imeni I.V. Stalina, Kafedra pod"yemno-transportnykh mashin.
(Soil mechanics)

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PLATONOV, P.N.; KUTSENKO, K.I.; GOVOROV, N.A., inzh., spets. red.; KEYZER, V.A., red.; MEDVEDEV, L.Ya., tekhn. red.

[Hoisting and conveying machinery and mechanization of loading and unloading operations] Pod"emno-transportnye ustroistva i mekhanizatsiia pogruzochno-razgruzochnykh rabot. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam mukomol'no-krupianoi i kombikormovoi promyshl. i elevatorno-skladskogo khoziaistva, 1958. 295 p. (MIRA 11:12)

(Loading and unloading)
(Hoisting machinery)
(Conveying machinery)

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PLATONOV, P. N.

BARER, G.O.; BELETSKIY, V.Ya.; VORONKOV, P.I.; DEMIDOV, P.G.; DZYADZIO, A.M.; DOMBROVSKIY, G.D.; ZOLOTAREV, S.M.; KRAVCHENKO, I.K.; PLATONOV, P.N.; PA[illegible]NKO, A.V.; UGOLIK, N.F.

V. IA. Girshson. Muk.-elev. prom. 23 no.4:23 Ap '57. (MLRA 10:5)
(Girshson, Vasilii IAkovlevich, 1880-1957)

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124-58-6-6876

Investigation of the Functioning of Centrifugal Cyclone-separators

drical part of the cyclone lowered its resistance somewhat without affecting its collection efficiency. The optimum ratio of the diameters of the outlet and the cylindrical part of the cyclone was found to be 0.6. By increasing the diameter of the cylindrical part of the cyclone, its absolute resistance is increased. A number of empirical relationships are given for determining the basic dimensions of a centrifugal separator for pneumatic transport installations

U. Ts Andres

1. Centrifuges--Performance 2. Materials--Separation

Card 2/2

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124-58-6-6876

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 6, p 88 (USSR)

AUTHORS: Platonov, P.N., Naremskiy, N.K.

TITLE: Investigation of the Functioning of Centrifugal Cyclone-separators [Issledovaniye raboty tsentrobezhnykh tsiklonov-otdeliteley (raz-gruziteley)]

PERIODICAL: Tr. Nauchno-tekhn. o-vo mukomol. i krupyan. prom-sti i elevat. kh-va, 1957, Nr 5, pp 3-32

ABSTRACT: The investigation of the functioning of a cyclone was performed on an experimental installation by means of measuring the hydraulic resistance of the cyclone (energy criterion) and the amount of material collected by the cyclone (performance criterion) It was found that the hydraulic resistance of the cyclone diminishes with increasing concentration of the solid phase. The least amount of material carried off was found at inlet speeds of the flow from 11 to 18 m/sec. For bringing the trajectories of the air particles and the solid phase closer together, which promotes better precipitation of the solid phase, the inlet angle should be equal to 12°. The least carry-off of solid particles took place at taper angles of from $16^{\circ}40'$ to $24^{\circ}50'$. Increasing the height of the cylin-

Card 1/2

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PLATONOV, P., kandidat tekhnicheskikh nauk.

Theory of the even loading of railroad cars and ship's holds.
Muk.-elev.prom. 21 no.12:9-11 D '55. (MLRA 9:4)

1.Odesskiy tekhnologicheskiy institut imeni I.V.Stalina.
(Grain--Transportation) (Loading and unloading)

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ZHIDKO,V., kandidat tekhnicheskikh nauk; PLATONOV,P., kandidat tekhnicheskikh nauk

Capacity of grain dryers as affected by the initial moisture content of grain. Muk.-elev.prom.21 no.9:5-7 S '55. (MLRA 8:12)

1. Odesskiy tekhnologicheskiy institut imeni I.V.Stalina
(Grain--Drying)

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PLATONOV, P.

Stalin Technological Institute of Odessa. Muk-elev. prom.21 no.6:31-32 Je'55. (MLRA 8:10)
(Odessa--Technical education)

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PLATONOV, Petr Nikitovich, dotsent; KUTSENKO, Konstantin Ivanovich, dotsent; KEYZER, V.A., redaktor; GOLUBKOVA, L.A., tekhnicheskiy redaktor

[Mechanizing the loading and unloading of materials packed in sacks] Mekhanizatsiia pogruzki i vygruzki zatarennykh v meshki gruzov. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam zagotovok, 1955. 83 p. (MLRA 9:3)
(Loading and unloading)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200030-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200030-6

PLATONOV, P.N.

Grain elevators and warehouses. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam zagotovok, 1954. 415 p. (54-41079)

1. Grain elevators-Russia. 2. Granaries.
I. Liatorovskii, B.G.

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DZYADZIO, A.M., dotsent; PLATONOV, P.N., dotsent; KOFMAN, S.Ye., inzhener; SOKOLOV, A.Ya., professor, doktor tekhnicheskikh nauk, redaktor; KHMEL'NITSKAYA, A.Z., redaktor; GOTLIB, E.M., tekhnicheskiy redaktor.

[Pneumatic tube transportation in flour mills] Pnevmaticheskii transport na sel'skokhoziaistvennykh mel'nitsakh. Pod red. A.IA. Sokolova. Moskva, Pishchepromizdat, 1954. 69 p. (MLRA 8:1)
(Pneumatic-tube transportation) (Flour mills)

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PLATONOV, P.N.; MITROFANOV, Yu.N.

Investigating the aerodynamics of a layer of grain by the method of electrical analogies. Izv.vys.ucheb.zav.; pishch.tekh. no.5: 139-142 '63. (MIRA 16:12)

1. Odesskiy tekhnologicheskiy institut imeni Lomonosova kafedra mekhanizatsii i avtomatizatsii proizvodstva.

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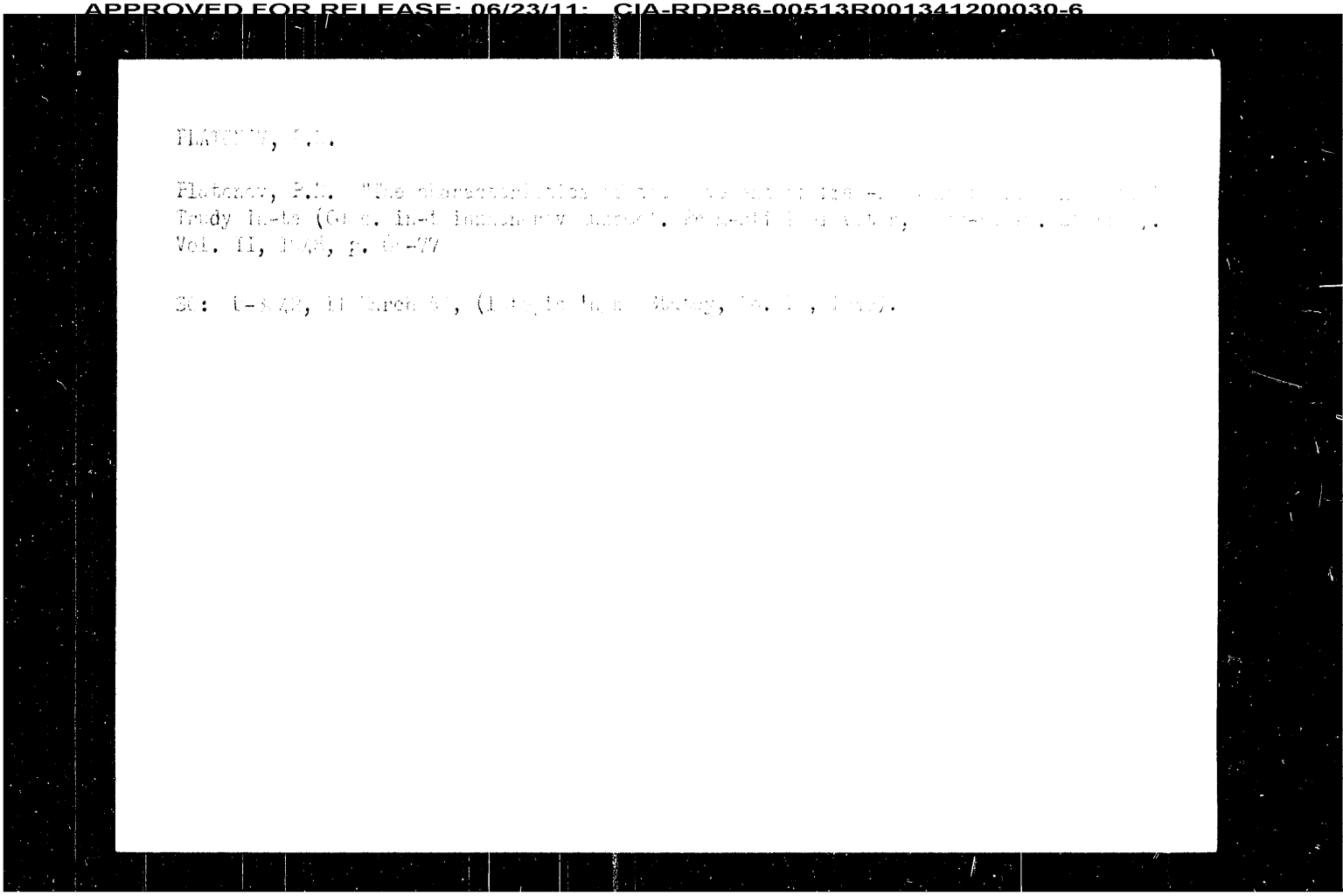

Fletcher, P.L. "The Characteristics of [illegible] Trudy In-ta (Gl. u. in-t Industrii [illegible]", [illegible], Vol. II, [illegible], p. [illegible]-77

SU: [illegible], II Kvart. 5, (Leningrad Mark. Biology, No. 1, [illegible]).

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[illegible], N.N.

[illegible], P.I. "The movement of [illegible]", Trudy Mo-Vo ([illegible]), Vol 11, 1[illegible], [illegible].

SO: [illegible], 11 March [illegible], ([illegible]).

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200030-6

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KADNIKOV, Vladimir Gennadiyevich; LIPNITSKIY, Abram Markovich; PLATONOV, P.M., inzh., retsenzent; AVERBUKH, N.M., inzh., red.; KUREPINA, G.N., red. izd-va; PETERSON, M.M., tekhn. red.

[Drier]Sushil'shchik. Moskva, Mashgiz, 1962. 143 p. (MIRA 15:10)

(Molding (Founding)) (Drying apparatus—Sand, Foundry)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200030-6

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Handbook on Iron Castings

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5. Machine core making (V. L. Lesnichenko) [In the text it reads: Trimming, assembly, inspection, and storage of cores] 329
6. Drying molds and cores (O. V. Kolacheva) 334
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and modifying the cast iron; pouring, shaking out, and cleaning of castings; heat-treatment methods; and the inspection and rejection of castings. Information on foundry equipment and on the mechanization of castings production is also presented. The authors thank Professor P. P. Berg, Doctor of Technical Sciences, and staff members of the Mosstankolit Plant, headed by the chief metallurgist G. I. Kletskin, Candidate of Technical Sciences, for their assistance. References follow each chapter. There are 287 references, mostly Soviet.

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Ch. I. Composition and Properties of Cast Iron (N. G. Girshovich) 5
1. Equilibrium diagram, classification, and the structure of cast iron 5
2. Effect of various factors on the structure of cast iron 15

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PHASE I BOOK EXPLOITATION SOV/5458

Girshovich, Naum Grigor'yevich, Doctor of Technical Sciences, Professor, ed.

Spravochnik po chugunnomu lit'yu (Handbook on Iron Castings) 2d ed., rev. and enl. Moscow, Mashgiz, 1961. 800 p. Errata slip inserted. 16,000 copies printed.

Reviewer: P. P. Berg, Doctor of Technical Sciences, Professor; Ed.: I. A. Baranov, Engineer; Ed. of Publishing House: T. L. Leykina; Tech. Eds.: O. V. Speranskaya and P. S. Frumkin; Managing Ed. for Literature on Machine-Building Technology (Leningrad Department, Mashgiz): Ye. P. Naumov, Engineer.

PURPOSE: This handbook is intended for technical personnel at cast-iron foundries. It may also be of use to skilled workmen in foundries and students specializing in founding.

COVERAGE: The handbook contains information on basic problems in the modern manufacture of iron castings. The following are discussed: the composition and properties of the metal; the making of molds; special casting methods; the charge preparation; melting

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SHATSKIKH, Mikhail Ivanovich; KUTKIN, Semen Fedorovich; PLATONOV, P.M., inzhener, retsenzent; BARANOV, I.A., inzhenr, redaktor; SOKOLOVA, L.V., tekhnicheskiy redaktor

[Sand mixer] Zemledel. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 131 p. (MLRA 9:7)
(Foundry machinery and supplies)
(Sand foundry)

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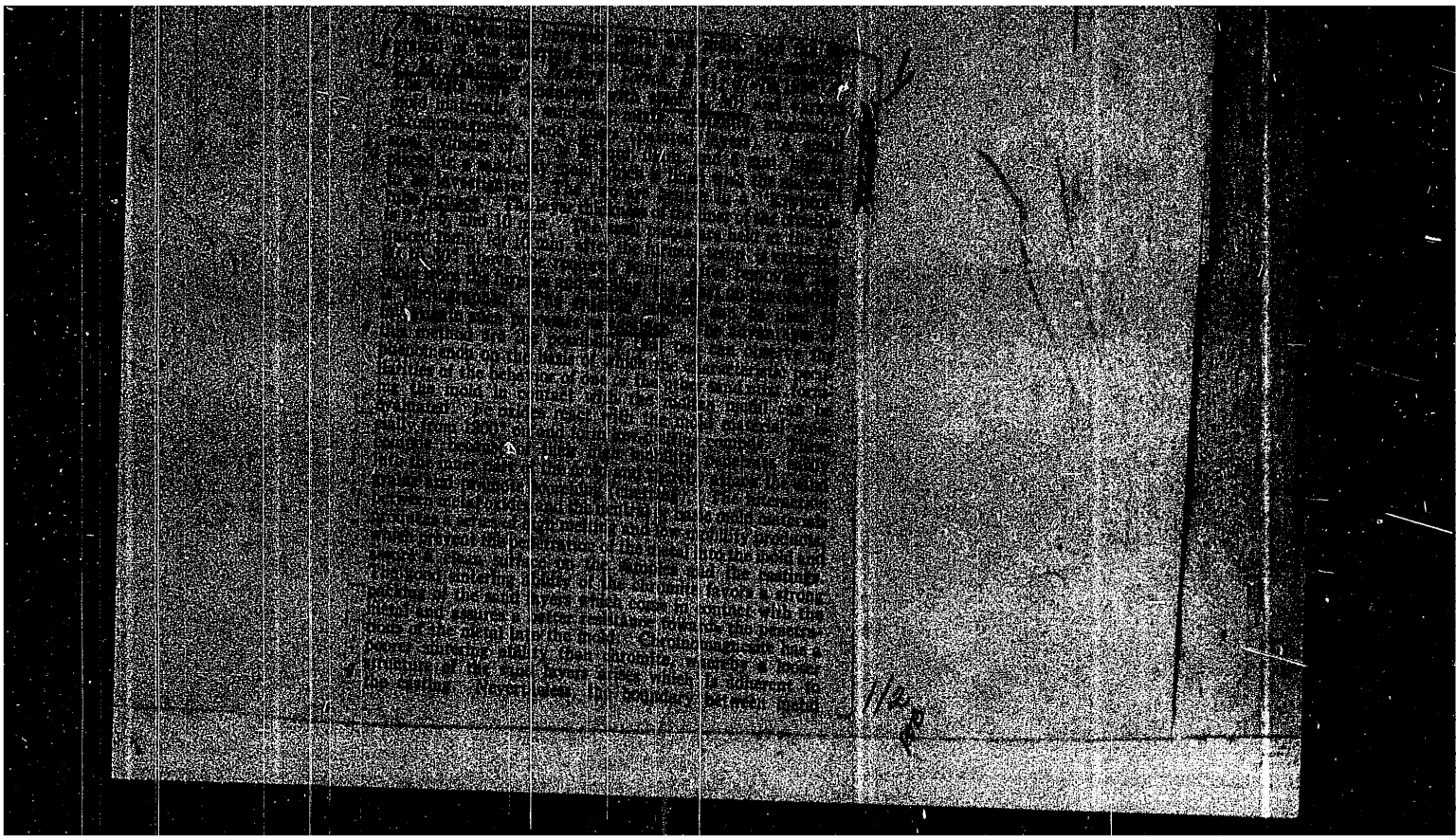

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GOLOVIN, Sergey Yakovlevich; RUBTSOV, N.N., prof., doktor tekhn.nauk, zasl. deyatel' nauki i tekhniki, retsenzent; PLATONOV, P.M., inzh., retsenzent; BALANDIN, G.F., kand.tekhn.nauk, red.; LEYKINA, T.L., red.izd-va; SHCHETININA, L.V., tekhn.red.

[Special kinds of casting; concise reference data] Osobye vidy lit'ia; kratkie spravochnye materialy. Moskva, Gos. nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1959. 462 p. (Founding) (MIRA 12:6)

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SOV/137-57-1-787

Translation from: Referativnyy zhurnal. Metallurgiya, 1957, Nr 1, p 101 (USSR)

AUTHOR: Platonov, P. M.

TITLE: The Routine Procedure for Casting Into Shell Molds Made With Bakelite Binding Material at the Kirov Plant (Opyt Kirovskogo zavoda po lit'yu v obolochkovyye formy na bakelitovom svyazuyushchem)

PERIODICAL: V sb.: Novoye v teorii i praktike liteyn. proiz-va. Moscow-Leningrad, Mashgiz, 1956, pp 382-391

ABSTRACT: Shell Molds (SM) are prepared on a semi-mechanized equipment. Cast iron is used as the bottom-board material, Al and steel are used for the patterns. Liquid bakelite and powdered bakelite, either jointly or separately, serve as the binding additive. The following refractory materials are used: Running sand with main fraction on Nr-200 and -270 screens, K 100/200 and K 50/100 sands, also ground chrome-magnesite with a 0.075 - 0.21-mm main fraction. A description is given of two methods of bakelite-core preparation, namely, the filling and the sandblasting methods.

Ya. M.

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PLATONOV, Petr Nikitich, doktor tekhn. nauk; VEREMEYENKO, Yevgeniy Ivanovich, inzh.; GOVOROV, N.A., spets. red.; DENISENKOVA, L.M., red.; GOLUBKOVA, L.A., tekhn. red.

[Mechanization of operations with packed goods] Mekhanizatsiia rabot s tarnymi gruzami. Moskva, Zagotizdat, 1962. 187 p. (MIRA 17:3)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200030-6

PLATONOV, Pavel Ivanovich; SHCHERBINSKIY, Ya.N., red.; GOSPODARSKAYA, T.N., red. izd-va; SHIBKOVA, R.Ye., tekhn. red.

[Organizing and planning the production of lumber floating enterprises] Organizatsiia i planirovanie proizvodstva lesosplavnykh predpriiatii. Moskva, Goslesbumizdat, 1962. 258 p. (MIRA 16:5)

(Lumber--Transportation)

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ACCESSION NR: AP5015691

3

effect of the nitrates on the azeotropic point of nitric acid is approximately additive. Hence, in order to obtain the equilibrium vapor compositions for the system HNO_3-H_2O-$Ca(NO_3)_2$-$Mg(NO_3)_2$, it is sufficient to have data for the ternary systems HNO_3-H_2O-$Ca(NO_3)_2$ and HNO_3-H_2O-$Mg(NO_3)_2$ (see Figs. 1 and 2 of the Enclosure), as for example when calculations are made for the rectification of nitric acid in the presence of mixed impurities consisting of magnesium and calcium nitrate. "O.A. Manayenkova and K.V. Arioshchenko participated in the experimental work." Orig. art. has: 4 figures and 2 tables.

ASSOCIATION: Gosudarstvennyy institut azotnoy promyshlennosti (State Institute of the Nitrogen Industry)

SUBMITTED: 13Feb64 ENCL: 02 SUB CODE: IC

NO REF SOV: 003 OTHER: 004

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L 58910-65 EWT(m)/EPF(c)/EPR/EWP(t)/EWP(b) Pr-4/Ps-4 IJP(c) JD

ACCESSION NR: AP6015691 UR/0076/65/039/006/1403/1407
542.48 + 541.123.3

AUTHOR: Shneyerson, A.L.; Miniovich, M.A.; Filippova, Zh. M.; Soroko, S.N.; Platonov, P.A.

TITLE: Liquid-vapor equilibrium in the systems nitric acid-water-magnesium nitrate, nitric acid-water-calcium nitrate, and nitric acid-water-magnesium nitrate-calcium nitrate

SOURCE: Zhurnal fizicheskoy khimii, v. 39, no. 6, 1965, 1403-1407

TOPIC TAGS: magnesium nitrate, calcium nitrate, nitric acid, phase equilibrium, azeotropic mixture

ABSTRACT: The presence of magnesium nitrate, calcium nitrate or their mixtures in the HNO_3-H_2O system sharply increases the HNO_3 content in the vapor phase and displaces its azeotropic point, the effect of magnesium nitrate being more pronounced. For example, the equilibrium concentration of HNO_3 in the vapor phase over pure 20% HNO_3 is about 1.5%. However, when 60% $Ca(NO_3)_2$ or $Mg(NO_3)_2$ is present, the HNO_3 concentration in the vapor phase increases to 53.5 and 82.3%, respectively. The

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AMAYEV, A. D.; PLATONOV, P. A.; PRAVDYUK, N. F.

"Study of tendency to brittleness of ferrite-pearlite steels for reactor vessels during neutron irradiation."

report submitted for 3rd Intl Conf, Peaceful Uses of Atomic Energy, Geneva, 31 Aug-9 Sep 64.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200030-6

PRAVDYUK, N.F.; POKROVSKIY, Yu.N.; PLATONOV, P.A.

Conference on the Effect of Radiation on Materials. Atom.energ. 13 no.6:608-609 D '62. (MIRA 15:12)
(Materials, Effect of radiation on—Congresses)

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The Effect of Nuclear Radiation (Cont.) SOV/6176

Astrakhontsev, S. M., and Yu. I. Konnov. Effect of Neutron Irradiation on Inhomogeneous Solid Solutions 121
Specimens of X20H80 [Ni80Cr20] alloy were irradiated at a temperature not exceeding 100° [C?] by a thermal neutron flux of $1 \cdot 10^{17}$ to $1.4 \cdot 10^{20}$ n/cm².

Sayenko, G. P. Effect of Neutron Irradiation on Ordering Fe_3Al Alloy 127
Specimens were irradiated by fast neutrons and measurements were made of electric resistance, lattice parameters, and the intensity of superlattice lines.

Ivanov, A. N., and N. F. Pravdyuk. Effect of Neutron Irradiation on Electrical Resistance in Certain Metals 136

Pravdyuk, N. F., and P. A. Platonov. Study of Long-Time Strength of Copper After Irradiation 153
The investigation was conducted before and after irradiation with a neutron flux of $\approx 10^{20}$ n/cm².

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Lyashenko, V. S. (Deceased), and Sh. Sh. Ibragimov. Effect of Neutron Field on Structure and Properties of Steels 74
The specimens were irradiated in the fast reactor BR-5 with a neutron flux of $1.9 \cdot 10^{20}$ n/cm² at temperatures from 150 to 220° [C?].

Pronman, I. M., V. A. Shalashov, and A. Kh. Breger. Decomposition of Carbide Phase in Iron-Carbide Alloys and Phase Transformation in White Cast Iron Under Nuclear Irradiation 81

Petrov, P. A., I. V. Batenin, A. N. Rudenko, and B. V. Sharov. Investigation of Properties of Avial Subjected to Nuclear Radiation in a Reactor 100

Platonov, P. A. Stress Relaxation in Metals Under Neutron Irradiation, Recovery, and Annealing of Radiation Defects 106
Specimens were irradiated at ~150°C by fast neutron fluxes (E > 1 mev) of $2 \cdot 10^{18}$ and $4 \cdot 10^{19}$ n/cm² in the RFT Reactor.

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Pravdyuk, N. F., A. D. Amayev, P. A. Platonov, V. N. Kuznetsov, and V. M. Golyanov. Effect of Neutron Irradiation on the Properties of Constructional Materials 34
The article presents results of investigations conducted in the hot laboratory at the Atomic Energy Institute imeni I.V. Kurchatov, Academy of Sciences USSR.

Amayev, A. D., A. V. Yefimov, P. A. Platonov, N. F. Pravdyuk, I. A. Razov, and A. M. Khlebnikov. Effect of Neutron Irradiation on Mechanical Properties of Heat-Resistant Steels of the Ferrite-Perlite Type and Their Welded Joints 58
The specimens were irradiated by a neutron flux of $8 \cdot 10^{19}$ n/cm^2 in the RFT Reactor at the Atomic Energy Institute, Academy of Sciences USSR.

Yefimov, A. V., O. A. Kozhevnikov, V. A. Nikolayev, N. F. Pravdyuk, I. A. Razov, and A. M. Khlebnikov. Effect of Neutron Irradiation on Mechanical Properties of Austenitic Stainless Steels of Various Strengths 68

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Sponsoring Agency: Akademiya [illegible] SSSR. Otdeleniye [illegible] nauk;

Resp. Ed.: S. T. Konobeyevskiy; Deputy Acad. Sec.: [illegible]. Adasinskiy; Editorial Board: [illegible], G. V. Kurdyumov, B. M. Levitskiy, V. S. Lyashenko (Deceased), Yu. A. Martynyuk, Yu. I. Pokrovskiy, and N. F. Pravdyuk; Ed. of Publishing House: M. G. Makarenko; Tech. Eds: T. V. Polyakova and I. N. Dorokhina.

Card 1/14

COVERAGE: This is a collection of papers presented at the Moscow Conference on the Effect of Nuclear Radiation on Materials, held December 1-9, 1959. The material presents certain trends in the work coordinated in the Soviet scientific research organization. Some of the papers are devoted to the experimental study of the effect of neutron irradiation on reactor materials (steel, ferrous alloys, molybdenum, uranium, graphite, and beryllium). Others deal with the theory of neutron irradiation effects (physico-chemical transformations, relaxation of internal stresses, internal friction) and changes in the structure and properties of various crystals. Special attention is given to the effect of intense [illegible] irradiation on the electrical, magnetic, and optical properties of metals, dielectrics, and semiconductors.

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Card 1/2

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ACC NR: AT5023792

rupture life would increase with irradiation at low temperatures, when diffusion processes play an insignificant role and the rupture life is determined mainly by the intensity of the formation of vacancies resulting from plastic deformation during irradiation. It can then be expected that at temperatures equal to or higher than the melting temperature and at lower stresses (consequently, at a longer rupture life) irradiation will shorten the rupture life. This circumstance, however, requires experimental verification. Orig. art. has: 5 figures and 3 tables. [MS]

SUB CODE: 11,18/ SUBM DATE: 18Aug62/ ORIG REF: 003/ OTH REF: 001

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L 8573-66 EPF(n)-2/EWT(1)/EWT(m)/T/EWP(b)/EWA(h)/EWP(w)/EWP(t) IJP(c) GG/JD

ACC NR: AT5023792 SOURCE CODE: UR/0000/62/000/000/0153/0159

AUTHOR: Pravdyuk, N. F.; Platonov, P. A.

ORG: none

TITLE: Investigation of the rupture strength of copper after irradiation

SOURCE: Soveshchaniye po probleme Deystviye yadernykh izlucheniy na materialy. Moscow, 1960. Deystviye yadernykh izlucheniy na materialy (The effect of nuclear radiation on materials); doklady soveshchaniya. Moscow, Izd-vo AN SSSR, 1962, 153-159

TOPIC TAGS: copper, fast neutron irradiation, neutron irradiated copper, copper rupture strength, irradiation effect

ABSTRACT: Commercial copper was irradiated with a fast neutron flux of about 10^{20} n/cm^2 at 80C. Then both unirradiated and irradiated copper were subjected to stress-rupture tests at 200—300C at stresses varying from 4 to 19 kg/mm^2. The rupture life in irradiated and unirradiated copper decreased linearly as stress increased. Under identical stresses and temperatures, the rupture life of irradiated copper was many times longer than that of unirradiated. Investigation of the rupture life-temperature dependence showed that the failure of both unirradiated and irradiated copper occurred with an identical value of the activation energy, which decreased with increasing stress. Analysis of the data obtained showed that the failure of copper in both states occurred with the same mechanism. Presumably, the

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ACC NR: AT5023788

which experience recovery at room temperature or at temperatures lower than the temperature of complete removal of the radiation hardening, cannot be explained by a single mechanism and requires further detailed studies. For a number of metals and alloys, however, individual mechanisms can be predominant. The fact that the relaxation recovery in nickel occurs simultaneously with the anneal of the strengthening defects makes it possible to assume that the radiation damage in stressed and nonstressed metals is similar. Experiments in the annealing of M-1 commercial copper and Armco-iron irradiated with a fast neutron flux of about 10^{20} n/cm^2 at 100C showed that the kinetic relationships specific for the relaxation recovery remain also for the anneal-induced changes in the yield strength, hardness, and other mechanical properties.

SUB CODE: MM, SS/ SUBM DATE: 18Aug62/ ORIG REF: 008/ OTH REF: 012/ [MS]

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Card 3/3

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ACC NR: AT5023788

2

exhibited marked relaxation which varied in different materials. Nickel, whose yield strength changed most with irradiation, exhibited the highest degree of relaxation, and steel A, whose yield strength changed least, exhibited the least relaxation. This showed that the greatest relaxation occurs in materials which accumulate the most changes in properties during irradiation. In steel A plates irradiated under stress, the recovery begins at room temperature and is almost completed in 24 hours. Recovery of nickel plates proceeds very slowly at low temperatures but intensifies in the 400—600C range, i.e., at temperatures of the most intense elimination of radiation hardening. The process of stress relaxation under the action of irradiation probably involves generation of excess vacancies and interstitials under the action of irradiation and the subsequent formation of stable complexes by the vacancies and absorption of atoms at the grain boundaries. During annealing, the stable complexes break up, and the atoms under the action of internal stresses move toward the mosaic block boundaries, where they are absorbed. The recovery can also be effected by the migration of complexes. However, investigation of the irradiation-induced stress relaxation in EI961 spring steel irradiated in the stressed condition with a fast neutron flux of about 10^{20} n/cm^2 at about 150C and in graphite irradiated with a flux of 4×10^{19} n/cm^2 at about 100C and subsequently annealed at 200—1300C, showed that the process of radiation stress relaxation of these and other materials

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ACC NR: AT5023788 SOURCE CODE: UR/0000/62/000/000/0106/0120

EM/GG/WH/WW/JD/HW

AUTHOR: Platonov, P. A.

ORG: none

TITLE: Relaxation of stresses in metals under the action of neutron irradiation, recovery and anneal of radiation defects

SOURCE: Soveshchaniye po probleme deystviye yadernykh izlucheniy na materialy. Moscow, 1960. Deystviye yadernykh izlucheniy na materialy (The effect of nuclear radiation on materials); doklady soveshchaniya. Moscow, Izd-vo AN SSSR, 1962, 106-120.

TOPIC TAGS: copper, nickel, nichrome, zirconium, steel, graphite, fast neutron irradiation, irradiation hardening, irradiation defect, defect annealing, stress relaxation, /EI961 steel

ABSTRACT: Elastically bent plates of commercial nickel, zirconium, nichrome, and oxidation-resistant, low-alloy steel (A) were irradiated with an integrated flux of fast neutrons (E > 1 Mev) of 2 x 10^{18} or 4 x 10^{19} n/cm^2 at about 150C. The stress relaxation after irradiation was determined by measuring changes in the deflection of flat test specimens. No noticeable relaxation was observed in unirradiated specimens. All materials irradiated with a flux of 4 x 10^{19} n/cm^2

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L 9235-66

ACC NR: AT5023783

3

deformation or dispersion hardening is less sensitive to irradiation. The mechanical properties of 12Kh2MFA steel welds obtained by manual or automatic welding with 12KhMF or 12KhM electrode wires undergo practically the same change as the base metal when irradiated with a $7 \cdot 10^{19}$ n/cm^2 flux. However, this change is slightly more pronounced in welds obtained with 12KhM wire, owing to its lower content of alloying elements. Increasing the temperature of irradiation decreased the radiation damage in all tested steels and diminished the degree of change in mechanical properties, because the damage is partially or completely eliminated by annealing. The highest temperatures at which no change of mechanical properties of ferritic-pearlitic steels and their welds occurs under effect of irradiation with neutron flux of the indicated intensity are 350—400C. At an irradiation temperature of 100C, none of the tested steels attains the highest values of strength, ductility, and toughness, unless the flux of fast neutrons is 10^{20} n/cm^2. Orig. art. has: 9 figures and 4 tables. [ND]

SUB CODE: 11, 20/ SUBM DATE: 18Aug62/ ORIG REF: 003

Card 2/2

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L 9235-66 EWT(m)/EWP(w)/EPF(n)-2/EWA(d)/EWP(v)/T/EWP(t)/EWP(k)/EWP(z)/EWP(b)/EWA(h)/
ACC NR: AT5023783 EWA(c) MJW/JD/HM/GG/GS SOURCE CODE: UR/0000/62/000/000/0058/0067

AUTHOR: Amayev, A. D.; Yefimov, A. V.; Platonov, P. A.; Pravdyuk, N. F.; Razov, I.A.; Khlebnikov, A. M.

ORG: none

TITLE: Effect of neutron irradiation on the mechanical properties of heat-resistant ferritic-pearlitic steels and on their welded joints

SOURCE: Soveshchaniye po probleme Deystviye yadernykh izlucheniy na materialy. Moscow, 1960. Deystviye yadernykh izlucheniy na materialy (The effect of nuclear radiation on materials); doklady soveschaniya. Moscow, Izd-vo AN SSSR, 1962, 58-67

TOPIC TAGS: ferritic pearlitic steel, neutron irradiation, steel irradiation, steel property, weld property/25Kh2MFA steel, 12Kh2MFA steel

ABSTRACT: The effect of neutron irradiation on the mechanical properties of ferritic-pearlitic steels and their welded joints has been investigated. Specimens of annealed and tempered 25Kh2MFA and 12Kh2MFA chromium-molybdenum-vanadium steels with 0.2% and 0.1% C, respectively, were irradiated at 80—305C with integrated neutron fluxes of 2.8×10^{17}—7.2×10^{19} n/cm^2 (35% of neutrons with energy > 1). Mechanical tests of both steels and of 12Kh2MFA steel welds showed that neutron irradiation increases strength and decreases ductility and notch toughness, but not as much as in 25KhNM steel or 20 steel irradiated under the same conditions. This shows that metal strengthened by means of alloying or heat treatment, plastic

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L 8571-66

ACC NR: AT5023782

change their properties to such an extent that their utilization in reactors involves a risk. Toughness and NDT temperature, not strength, determine the fitness of materials for use in reactor vessels. Irraditation of steels at temperatures under 250C with a 10^{18} neutron/cm^2 flux causes some changes in their mechanical properties; a 10^{20} neutron/cm^2 flux induces the maximum change (this is especially pronounced in stainless austenitic steels). Irradiation at temperatures above 400C has virtually no effect on the mechanical properties of structural materials. Stainless austenitic steels and nickel-chromium-iron alloys irradiated at 100C maintain satisfactory ductility (elongation of at least 20%). Austenitic steels and zirconium and its alloys, cold worked prior to irradiation, combine strength with moderate ductility (elongation of at least 10%). Low-carbon steel, low-alloy steels, and other materials, with a relatively high content of boron after irradiation, become brittle; their elongation after irradiation with 10^{20} neutron/cm^2 is low. However, under conditions of low irradiation, the utilization of these low-carbon and low-alloy steels at low temperatures is admissable. In making thickwall reactor vessels from these steels, the NTD temperature is the main factor for determining the acceptable irradiation dose. Orig. art. has: 19 figures and 3 tables. [ND]

SUB CODE: 11, 18/ SUBM DATE: 18Aug62/ ORIG REF: 005/ OTH REF: 001

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Card 2/2

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L 8571-66 EPF(n)-2/EWA(h)/EWP(z)/EWP(b)/T/EWT(m)/EWA(d)/EWP(w)/EWP(t) IJP(c)
ACC NR: AT5023782 GG/WW/JD SOURCE CODE: UR/0000/62/000/000/0034/0057

AUTHOR: Pravdyuk, N. F.; Amayev, A. D.; Platonov, P. A.; Kuznetsov, V. N.; Golyanov, V. M.

ORG: none

TITLE: Effect of neutron irradiation of the properties of structural materials

SOURCE: Soveshchaniye po probleme Deystviye yadernykh izlucheniy na materialy. Moscow, 1960. Deystviye yadernykh izlucheniy na materialy (The effect of nuclear radiation on materials); doklady soveshchaniya. Moscow, Izd-vo AN SSSR, 1962, 34-57

TOPIC TAGS: neutron irradiation, structural material, low carbon steel, low alloy steel, austenitic steel, steel property, zirconium alloy, alloy property, radiation damage

ABSTRACT: The effect of irradiation of the mechanical properties of low-carbon steels, low-alloy steels, austenitic steels, and zirconium alloys has been investigated at the Institute of Atomic Energy im. I. V. Kurcharov, to determine their suitability as structural materials for use in reactors. Irradiation of low-carbon steel with a flux of 10^{19} or 10^{20} neutron/cm^2 at 160—200C increased the steel yield strength and tensile strength, but substantially decreased ductility. For example, the elongation of low-carbon steel drops 25—50% after irradiation with 10^{19} neutron/cm^2. Certain conditions of irradiating low-carbon ferrite or ferritic-pearlitic steels

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PLATONOV, P. A.

"Relaksatsiya Uprugikh Napryazheniy V Materialakh
Pod Deistviem Oblucheniya"
Report presented at the Symposiym on Radiation Damage in
Solids and Reactor Materials (IAEA) Venice, 7-11 May 1962

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PLATONOV, P.A.

Effect of neutron irradiation on the mechanical properties of steel.
Atom. energ. 11 no.6:566-570 D '61. (MIRA 14:12)
(Neutrons) (Metals, Effect of radiation on)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200030-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200030-6

PRAVDYUK, N.F.; PLATONOV, P.A.

[Stress-rupture strength of copper following irradiation] Izuchenie dlitel'noi prochnosti medi posle obluchenila. Moskva, In-t atomnoi energii, 1960. 15 p. (MIRA 16:12)

(Copper, Effect of radiation on)
(Strength of materials)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200030-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200030-6

Periodical : Dok. AN SSSR. 100/6, 1069-1072, Feb 21, 1955

Card 2/2 Pub. 22 - 10/47

Abstract : The method was found highly suitable for the study of the effect of alloying elements on the carbon diffusion in ferrite and austenite. Some practical experiments carried out by means of the radioactive isotope method are described. Nine references: 4 USA and 5 USSR (1937-1953). Graphs.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200030-6

PLATONOV, P.A.

USSR / Physics - Diffusion

Card 1/2 Pub. 22 - 10/47

Authors : Gruzin, P. L.; Kostogonov, V. G.; and Platonov, P. A.

Title : Application of the carbon isotope C^{14} for the study of carbon diffusion in steel

Periodical : Dok. AN SSSR, 100/6, 1069-1072, Feb 21, 1955

Abstract : The development of a method for measuring the diffusion coefficient in metals by means of the radioactive C^{14} isotope is reported. The new method has shown greater sensitivity than all other available methods and requires no special assumptions regarding the mechanism of diffusion or knowledge of the structural diagram.

Institution : Central Scientific Research Institute of Ferrous Metallurgy, Institute of Metallurgy and Physics of Metals

Presented by : Academician G. V. Kurdyumov, June 22, 1954

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200030-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200030-6

GRUZIN, P.L.,kand.fiz.-mat.nauk; KOSTOGONOV, V.G.; PLATONOV, P.A.

Using an artificial C^{14} isotope in studying the diffusion of carbon in steel. Probl. metalloved. i fiz. met. no.4:517-523 '55.
(Carbon--Isotopes) (Steel--Analysis) (MIRA 11:4)

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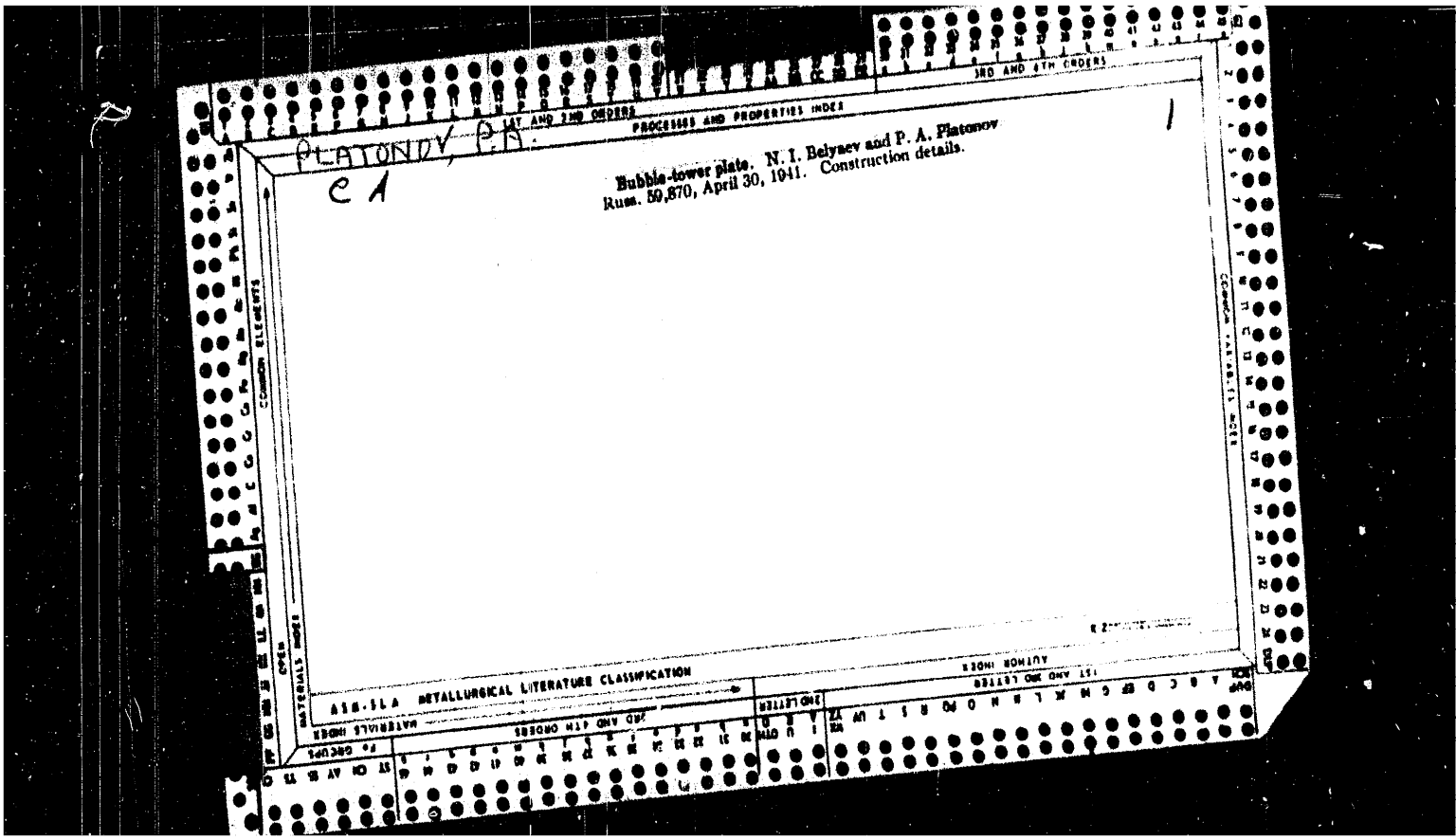

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PLATONOV, P.

Problems pertaining to over-all mechanization and automation of grain elevators and flour mills. Muk.-elev. prom. 27 no.4:22-24 Ap '61. (MIRA 14:7)

1. Direktor Odesskogo tekhnologicheskogo instituta imeni I.V. Stalina.

(Grain-handling machinery)
(Grain-milling machinery)

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PLATONOV, P., kand.tekhn.nauk;ZHIDKO, V., kand.tekhn.nauk;ZELINSKIY, G., kand.tekhn.nauk;LEBADINSKIY, V., kand.tekhn.nauk

Automation of column-type grain dryers. Muk.-elev. prom. 25 no.10:13-14 O '59. (MIRA 13:3)

1. Odesskiy tekhnologicheskiy institut im. I.V. Stalina.
(Grain--Drying) (Automation)

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PLATONOV, P., doktor tekhn. nauk; FASMAN, V., kand. tekhn. nauk;
LEBEDINSKIY, V., kand. tekhn. nauk

Economic effectiveness of the dispatcher automatic control in elevators. Muk.-elev. prom. 29 no.8:9-13 Ag '63. (MIRA 17:1)

1. Odesskiy tekhnologicheskiy institut im. M.V. Lomonosova.

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PLATONOV, P., doktor tekhn.nauk; PIKERSGIL', A., inzh.

Automatic electronic humidity meter for determining the humidity of grain. Radio no.8:27-30 Ag '62. (MIRA 15:8)
(Humidity--Measurements) (Grain elevators--Electronic equipment)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200030-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200030-6

PLATONOV, P., doktor tekhn.nauk; MITROFANOV, Yu., inzh.

Problems in the automatic control of grain drying systems. Muk.-elev. prom. 28 no.11:13-16 N '62. (MIRA 16:2)

1. Odesskiy tekhnologicheskiy institut im. Lomonosova.
(Grain--Drying) (Automatic control)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200030-6

PLATONOV, P., doktor tekhnicheskikh nauk; PIKERSGIL', A., dotsent

Automatic electronic moisture meter. Muk.-elev. prom. 28 no.7:13-15 Jl '62. (MIRA 15:9)

1. Odesskiy tekhnologicheskiy institut imeni Lomonosova.
(Grain--Drying)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200030-6

PLATONOV, P., doktor tekhn.nauk; ATANAZEVICH, V., aspirant

Investigating the operating efficiency of grain dryers of pulsating action. Muk.-elev. prom. 29 no.6:14-15 Je '63. (MIRA 16:7)

1. Odesskiy tekhnologicheskiy institut im. M.V.Lomonosova.
(Grain--Drying)

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SHAMRAY, Ye.F. [Shamrai, IE.F.]; IVANYUTA, O.M.; PLATONOV, O.M.

Content of various forms of ascorbic acid in the tissues of epinephrectomized animals. Ukr. biokhim. zhur. 37 no.2:269-273 '65.
(MIRA 18:6)

1. Kafedra biokhimii Kiyevskogo meditsinskogo instituta.

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PLATONOV, O.M.

Role of polyphenols in the oxidation of ascorbic acid in animal tissues. Ukr. biokhim. zhur. 36 no.5:697-704 '64.
(MIRA 18:6)

1. Kafedra biokhimii Kiyevskogo meditsinskogo instituta.

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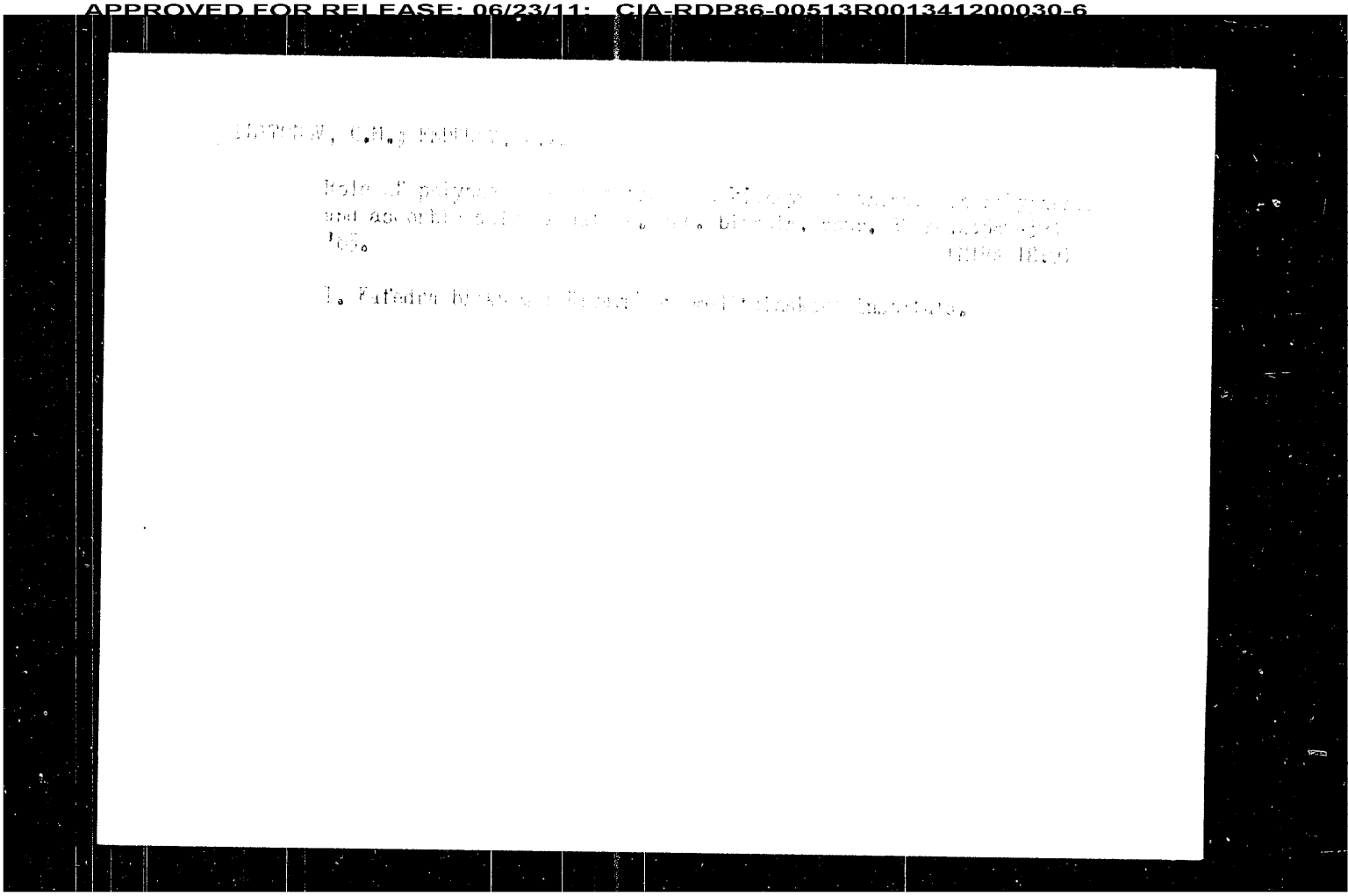

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PLATONOV, N.Ye., gvardii polkovnik, Geroy Sovetskogo Soyuza

In the airplanes of the collective farmers of Osh Province.
Vest.Vozd.Fl. no.6:65-66 Je '61. (MIRA 14:8)
(World War, 1939-1945--Aerial operations)

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PLATONOV, N.Ye., Gvardii polkovnik, Geroy Sovetskogo Soyuza

Battle flight. Vest.Vozd.Fl. no.3:36-37 Mr '61. (MIRA 14:6)
(Bombing, Aerial)

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SMIRNOV, B.A., Geroy Sovetskogo Soyuza, general-mayor aviatsii v otstavke; PLATONOV, N.Ye., gvardii polkovnik, Geroy Sovetskogo Soyuza; SHMELEV, N.A., gvardii polkovnik, Geroy Sovetskogo Soyuza

Over the Danube. Vest.Vozd.Fl. no.3:76-83 Mr '60. (MIRA 13:9)
(Danube Valley--World War, 1939-1945--Aerial operations)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200030-6

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PLATONOV, N.Ye., polkovnik, Geroy Sovetskogo Soyuza

On the march. Vest.Vozd.Fl. no.1:36-37 Ja '61. (MIRA 13:12)
(Bombing, Aerial)

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PLATONOV, N.V.

Russian tick-bone encephalitis during World War II (1941-1945) in Novosibirsk Province. Med. paraz. i paraz. bol. 25 no.3:273 Jl-S '56. (MLRA 9:10)
(LEGOSTAEVO DISTRICT--ENCEPHALITIS)

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PLATONOV,N.V.; FROLOVA, V.T.; YELIZAROVA, N.S.; MASLOVA, Ye.K.

Relapses in tertian malaria with a short and long incubation period and the reasons for its occurence. Med.paraz. i paraz.bol. 25 no.3: 272 Jl-S '56. (MLRA 9:10)

(MALARIA)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200030-6

PLATONOV, N.V.; FROLOVA, V.T.; SURGUTANOVA, K.P.

Epidemiology of diphyllobothriasis in Novosibirsk Province and measures for its control. Med.paraz.i paraz.bol. no.5:436-440 S-O '53. (MLRA 6:12)

1. Iz Novosibirskoy oblastnoy protivomalyariynoy stantsii (glavnyy vrach N.M.Yerokhin) i Stalinskogo instituta usovershenstvovaniya vrachey (direktor - dotsent G.T.Shikov).
(Novosibirsk Province--Tapeworms) (Tapeworms--Novosibirsk Province)

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PLATONOV, N. KH.

AUTHOR: Platonov, N.Kh. 11-7-8/23

TITLE: "Outcrop of Devonian Deposits in the Central Section of the Khoper River" (Korennoy vykhod devonskikh otlozheniy v srednem techenii r. Khopra)

PERIODICAL: "Izvestiya Akademii Nauk SSSR", Seriya Geologicheskaya, 1957, No. 7, pp. 103-106, (USSR)

ABSTRACT: A narrow Devonian strip extending from the city of Voronezh to the city of Boguchar along the valley of the Don river was proved by A.A. Dubyanskiy. A detailed stratigraphic description of Devonian deposits was furnished by D.V. Nalivkin, and was approved by all geologists. Special attention was given to the top section of the Central field (Dankovo-Lebedyansk layers), because it contained rich deposits of ferrous oölites. Test holes drilled along the axis: Don-Khoper anticline, Nizhne-Antoshinsk, Novokhlopersk, Dobrinsk, Petrovskaya and Malinovsk disclosed the Dankovo-Lebedyansk layer to be located at a relatively high level of +70m. As the surveyed water level of the Khoper river in this area varied around +65m, it was assumed that Devonian deposits will protrude at its banks. In 1954-55 the author discovered Devonian deposits near the Novokhopersk rapids. This discovery helped

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PLATONOV, N.Kh.

PLATONOV, N.Kh.

Outcrop of Devonian deposits along the middle course of the Khoper River. Izv. AN SSSR. Ser. geol. 22 no.7:103-105 Jl '57. (MLRA 10:9)

1. Moskovskiy gornyy institut im. I.V. Stalina.
(Khoper River--Geology, Stratigraphic)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200030-6

Birgelya, N.K. Titaniferous Minerals From the Bakal'skoye Deposit 61

Sokolova, Ye.I., and A.A. Ryabinina. Physicochemical Study of Iron Ores and Their Mother Rocks at the Berezovskoye Deposit in Zabaykal'ye 73

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